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47 Human Secreted Proteins

the specification of which is filed June 9, 2000, Application Serial No. 09/591,316.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

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Prior Foreign Application(s	s):			
		•	Priority C	laimed
			Yes	No
(Number)	(Country)	(Day/Month/Year Filed)		

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Appln Serial No.	Filing Date
60/113,006	1998-12-18
60/112,809	1998-12-17

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1

PCT/US99/29950	1999-12-16	Pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith James H. Davis (Reg. No. 40,582), Kenley K. Hoover (Reg. No. 40,302), Michele M. Wales (Reg. No. 43,975), Joseph Kenny (Reg. No. 43,710), and Jonathan L. Klein (Reg. No. 41,119) of Human Genome Sciences, Inc. 9410 Key West Avenue, Rockville, Maryland, 20850.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.
Full name of first joint inventor: Steven M. Ruben
Inventor's signature: Ab The Date: 9/13/00 Residence: 18528 Heritage Hills Drive, Olney, MD 20832 Citizenship: US Post Office Address: same as above
Full name of additional joint inventor: Reinhard Ebner Inventor's signature: Date:
Residence: 9906 Shelburne Terrace #316, Gaithersburg, MD Citizenship: DE 20878
Post Office Address: same as above
Full name of additional joint inventor: Craig A. Rosen
Inventor's signature: Residence: _22400 Rolling Hill Road; Laytonsville, MD 20882 Citizenship: US Post Office Address: _same as above

Full name of additional joint inventor: Gregory A. Endress	
Inventor's signature: Date: Residence: 113 Granville Drive, Silver Spring, MD 20901 Citizenship: US	
Post Office Address: same as above	في
Full name of additional joint inventor: Daniel R. Soppet	
Inventor's signature: Date:	
Residence: 15050 Stillfield Place, Centreville, VA 22020 Citizenship: US Post Office Address: same as above	
Post Office Address: same as above	
·	
Full name of first joint inventor: Jian Ni	
Inventor's signature: Date: 9/8/01	
Residence: 5502 Manorfield Road, Rockville, MD 20853 Citizenship: US	
Post Office Address: same as above	
Full name of additional joint inventor: Roxanne D. Duan	
Inventor's signature: Residence: 5515 Northfield Road, Bethesda, MD 20817 Citizenship: US Post Office Address: same as above	
	,
Full name of additional joint inventor: Paul A. Moore	
Inventor's signature: fam More Date: 9/13/50 Residence: 19005 Leatherbark Drive, Germantown, MD 20874 Citizenship: UK Post Office Address: same as above	
The state of the s	
Full name of additional joint inventor: Yanggu Shi	
Inventor's signature:	
Residence: 437 West Side Drive, Apt. 102, Gaithersburg, Citizenship: CN MD 20878	
Post Office Address: same as above	

Full name of additional joint inventor:	David W. LaFleur	
Inventor's signature: Residence: 3142 Quesada Street, N.W., Was Post Office Address: same as above	hington, D.C. 20015	Date: 9 & 00 Citizenship: US
Full name of additional joint inventor:	Henrik S. Olsen	0.1.1
Inventor's signature: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	rsburg, MD 20878	Date: <u> 6 20</u> चन Citizenship: DK
Post Office Address: same as above		
Full name of additional joint inventor:	Kimberly A. Florence	:
Inventor's signature: Residence: 12805 Atlantic Avenue, Roci Post Office Address: same as above	Florence kville, MD 20851	Date: 10/11/00 Citizenship: US

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47 Human Secreted Proteins

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Prior Foreign Application	(s):			
			Priority (Claimed
			Yes	No
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PCT/US99/29950	1999-12-16	Pending	•	
(Application Serial No.)	(Filing Date)	(Status: patent	ed, pending, abar	ndoned)
I hereby appoint the follow transact all business in the (Reg. No. 40,582), Kenley 43,975), Joseph Kenny (R Human Genome Sciences	Patent and Trademark K. Hoover (Reg. No. 4 eg. No. 43,710), and Jo	Office connected the 0,302), Michele M. V nathan L. Klein (Reg	rewith James H. Wales (Reg. No No. 41,119) of	nd to Davis
I hereby declare that all s statements made on infor statements were made wit are punishable by fine or i States Code and that st application or any patent i	rmation and belief are the the knowledge that w imprisonment, or both, a ach willful false states	believed to be true; villful false statemen under Section 1001 o	and further that ts and the like so of Title 18 of the	these made United
Full name of first joint in	iventor: S	teven M. Ruben		
Inventor's signature:			Date:	
	eritage Hills Drive, Olne	ey, MD 20832	Citizenship:	US
Post Office Address:	same as above			
Full name of additional Inventor's signature: Residence: 9906 She 20878 Post Office Address:	joint inventor: Civil and Iburne Terrace #316, same as above	Reinhard Ebner	Date: 9/12 O Citizenship:	
Full name of additional	joint inventor: <u>C</u>	raig A. Rosen		
Inventor's signature:			Date:	
Residence: 22400 R	olling Hill Road, Layton	nsville, MD 20882	Citizenship:	US

Post Office Address:

same as above

	Gregory A. Endress		
Inventor's signature:		Date:	
Residence: 113 Granville Drive, Silver S	pring, MD 20901	Citizenship:	US
Post Office Address: same as above		•	
Full name of additional joint inventor:	Daniel R. Soppet		
Inventor's signature:		Date:	
Residence: 15050 Stillfield Place, Centre	ville, VA 22020	Citizenship:	US
Post Office Address: same as above			
Full name of first joint inventor:	Jian Ni		
·			
Inventor's signature:		Date:	
Residence: 5502 Manorfield Road, Rock	ville, MD 20853	Citizenship:	_US_
Post Office Address: same as above			
Full name of additional joint inventor:	Roxanne D. Duan		
·	Rozanne D. Duan		
	Rozaline D. Dilali	Date:	
Inventor's signature: Residence: 5515 Northfield Road, Bether		Date: Citizenship:	US
Inventor's signature:		Date: Citizenship:	US
Inventor's signature: Residence: 5515 Northfield Road, Bethes			US
Inventor's signature: Residence: 5515 Northfield Road, Bethes Post Office Address: same as above Full name of additional joint inventor:	sda, MD 20817	Citizenship:	US
Inventor's signature: Residence: 5515 Northfield Road, Bethes Post Office Address: same as above Full name of additional joint inventor: Inventor's signature:	eida, MD 20817 Paul A. Moore	Citizenship:	
Inventor's signature: Residence: 5515 Northfield Road, Bethes Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: Residence: 19005 Leatherbark Drive, Ge	eida, MD 20817 Paul A. Moore	Citizenship:	US
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Inventor's signature: Residence: 5515 Northfield Road, Bethes Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: Residence: 19005 Leatherbark Drive, Ge. Post Office Address: same as above	Paul A. Moore	Citizenship: Date: Citizenship:	
Inventor's signature: Residence: 5515 Northfield Road, Bethes Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: Residence: 19005 Leatherbark Drive, Ge Post Office Address: same as above Full name of additional joint inventor:	Paul A. Moore rmantown, MD 20874 Yanggu Shi	Citizenship:	

Full name of additional joint inventor:	David W. LaFleur		
Inventor's signature:		Date:	
Residence: 3142 Quesada Street, N.W., Was	hington, D.C. 20015	Citizenship:	US
Post Office Address: same as above			
Full name of additional joint inventor:	Henrik S. Olsen		
Inventor's signature:		Date:	
Residence: 182 Kendrick Place, #24, Gaither	rsburg, MD 20878	Citizenship:	
		-	DK
Post Office Address: same as above			
Full name of additional joint inventor:	Kimberly A. Florence	e	
Inventor's signature:		Date:	
Residence: 12805 Atlantic Avenue, Rock	cville, MD 20851	Citizenship:	US
Post Office Address: same as above		-	

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I

Full name of first joint inventor

PCT/US99/29950	1999-12-16	Pending
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
I hereby appoint the following	ng attorney(s) and/or a	agent(s) to prosecute this application and to
transact all business in the I	Patent and Trademark (Office connected therewith James H. Davis

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Steven M. Ruben

I wil hamie of it	The Journe	in Circort					
Inventor's signa	ture:					Date:	
Residence:		Heritage Hills Dri	ve. Olne	v. MD 20832		Citizenship:	US
Post Office Add		same as ab					
Full name of a	dditiona	joint inventor:	_R	einhard Ebner	•		·
Inventor's signa	iture:					Date:	
Residence:		elburne Terrace	#316,	Gaithersburg,	MD	Citizenship:	DE
Post Office Add	dress:	same as abov	e				
Full name of a	dditiona	l joint inventor:	<u>_c</u>	raig A. Rosen			
Inventor's signa	ature:					Date:	
Residence:		Rolling Hill Road	d, Laytor	sville, MD 208	82	Citizenship:	US
Post Office Ad	dress:	same as abov	re .				

Full name of additional joint inventor:	Gregory A. Endress		
Inventor's signature:		Date:	
Residence: 113 Granville Drive, Silver	Spring, MD 20901	Citizenship:	US
Post Office Address: same as above			
Full name of additional joint inventor:	Daniel R. Soppet		
run name of additional joint inventor.	Daniel K. Sopper	-	
Inventor's signature:	I Sozal	Date: 9//	7/00
Residence: 15050 Stillfield Place, Cent	reville, VA 22020	Citizenship:	ÚS
Post Office Address: same as above		•	
Full name of first joint inventor:	Jian Ni		
Inventor's signature:		Date:	
Residence: 5502 Manorfield Road, Roo	kville, MD 20853	Citizenship:	US
Post Office Address: same as above			
Full name of additional joint inventor:	Roxanne D. Duan		-
Inventor's signature:		Date:	
Inventor's signature: Residence: 5515 Northfield Road, Beth		Date: Citizenship:	US
Inventor's signature: Residence: _5515 Northfield Road, Beth Post Office Address: _same as above	esda, MD 20817		US
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Inventor's signature: Residence: 5515 Northfield Road, Beth Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: Residence: 19005 Leatherbark Drive, Control Post Office Address: same as above Full name of additional joint inventor:	Paul A. Moore Germantown, MD 20874	Citizenship: Date: Citizenship:	
Inventor's signature: Residence: 5515 Northfield Road, Beth Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: Residence: 19005 Leatherbark Drive, C Post Office Address: same as above Full name of additional joint inventor: Inventor's signature:	Paul A. Moore Germantown, MD 20874 Yanggu Shi	Citizenship: Date: Citizenship: Date: Date:	UK
Inventor's signature: Residence: 5515 Northfield Road, Beth Post Office Address: same as above Full name of additional joint inventor: Inventor's signature: Residence: 19005 Leatherbark Drive, Control Post Office Address: same as above Full name of additional joint inventor:	Paul A. Moore Germantown, MD 20874 Yanggu Shi	Citizenship: Date: Citizenship:	

Full name of additional joint inventor:	David W. LaFleur		
Inventor's signature:		Date:	
Residence: 3142 Quesada Street, N.W., Was	hington, D.C. 20015	Citizenship:	US
Post Office Address: same as above			
Full name of additional joint inventor:	Henrik S. Olsen		
*		_	
Inventor's signature:		Date:	
Residence: 182 Kendrick Place, #24, Gaither	rsburg, MD 20878	Citizenship:	
	·	_	DK
Post Office Address: same as above			
Full name of additional joint inventor:	Kimberly A. Florence	ee	707-14
Inventor's signature:		Date:	
Residence: 12805 Atlantic Avenue, Rock	kville, MD 20851	Citizenship:	US
Post Office Address: same as above			

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Date:

Citizenship:

US

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Full name of first joint inve	ntor:	Steven M. Ruben		
Inventor's signature:			Date:	
	IIII D ' OI		Citizenship:	US
		ney, MD 20832	_ Chizenship.	
Residence: 18528 Herit Post Office Address:	same as above	ney, MD 20832	Ciuzensinp.	
	same as above	ney, MD 20832 Reinhard Ebner	Cruzensinp.	
Post Office Address:	same as above		Date:	
Post Office Address: Full name of additional join	same as above	Reinhard Ebner	<u> </u>	DE
Full name of additional joir Inventor's signature: Residence: 9906 Shelbu 20878	same as above	Reinhard Ebner	Date:	
Full name of additional joir Inventor's signature: Residence: 9906 Shelbu 20878	same as above at inventor: rne Terrace #316	Reinhard Ebner	Date:	

Inventor's signature:

Post Office Address:

Residence:

22400 Rolling Hill Road, Laytonsville, MD 20882

same as above

Full name of additional joint inventor: Gregory A. Endress		
Inventor's signature: Lynn A Luches	Date: 9/1	clama
Residence: 113 Granville Drive Silver Spring, MD 20901	Citizenship:	US
Post Office Address: same as above	- ·	
Tall name of Additional inject inventors Devial D. Connect		
Full name of additional joint inventor: Daniel R. Soppet		
Inventor's signature:	Date:	
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Post Office Address: same as above		
Full name of first joint inventor:		
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Post Office Address: same as above	Omzonsmp.	
Full name of additional joint inventor: Roxanne D. Duan		
Full name of additional joint inventor: Roxanne D. Duan Inventor's signature:	Date:	
	Date: Citizenship:	US
Inventor's signature:		US
Inventor's signature: Residence: 5515 Northfield Road, Bethesda, MD 20817		US
Inventor's signature: Residence: 5515 Northfield Road, Bethesda, MD 20817 Post Office Address: same as above		US
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Full name of additional joint inventor:	David W. LaFleur		
Inventor's signature:		Date:	
Residence: 3142 Quesada Street, N.W., V	Washington, D.C. 20015	Citizenship:	US
Post Office Address: same as above			
	•		
Full name of additional joint inventor:	Henrik S. Olsen		
Inventor's signature:		Date:	
Residence: 182 Kendrick Place, #24, Gai	thersburg, MD 20878	Citizenship:	DK
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Full name of additional joint inventor:	Kimberly A. Floren	ce	
Inventor's signature:		Date:	
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